

# PDR RID Report

**Date Last Modified** 5/12/95

**Originator** Groff, Robert; Isaac David

**Phone No** 301-901-9236

**Organization** MITRE

**E Mail Address** rgroff@mitre.org

**Document** DID 305 Design Spec

<b>RID ID</b>	<b>PDR</b>	305
<b>Review</b>	CSMS	
<b>Originator Ref</b>	Design 1.6	
<b>Priority</b>	2	

**Section** General

**Page** NA

**Figure Table** example: Table

**Category Name** Design-CSS

**Actionee** HAIS

**Sub Category**

**Subject** Object models are actually functional client-server models

## **Description of Problem or Suggestion:**

Section 3.4.1 states "Object: An abstraction of something in the problem at hand, characterized by a unique name, distinct properties, and well defined behavior." However, the entities identified in Figure 6.2.1.2-1 and others do not satisfy any of these criteria. Evidence that objects have not been properly identified is manifested by the difficulty of applying attributes to the entities. Further, the "Object Services" identified in Table 6.1- 1 (e.g., Event, Thread, Time) appear to have little or no explicit support for objects: these are simply functions provided by DCE. The attempt to render functional services and a traditional client-server architectures does not contribute to understanding of the design.

## **Originator's Recommendation**

Identify how objects are explicitly supported by the architecture, rework object diagrams, provide additional OMT training to developers, and/or remove attempts to force-fit functional services into object models.

## **GSFC Response by:**

## **GSFC Response Date**

**HAIS Response by:** Forman

## **HAIS Schedule**

**HAIS R. E.** Gary

**HAIS Response Date** 5/2/95

Concur, trying to capture our design which includes known COTS implemetations in an object framework was difficult. Our intent at CDR is not to specify true object models for COTS implemetations. We will treat the selected COTS as a black box and only model the interface/boundary classes to the COTS.

HAIS has formed a Release A Architecture Team (RAAT) with a charter to clarify the Release A internal and external interfaces (boundary classes for COTS and custom implementations).

**Status** Closed

**Date Closed** 5/12/95

**Sponsor** Broder

\*\*\*\*\*

**Attachment if any**

\*\*\*\*\*